

**From:** [Jon Rauscher](#)  
**To:** [R6 DWH REOC ESC@EPA](#); [Marc Greenberg](#); [Donald Williams](#)  
**Subject:** Fw: OPTIONS PAPER FOR today's 2:30 meeting with Pete Silva  
**Date:** 06/18/2010 01:23 PM  
**Attachments:** [oem\\_prg\\_table\\_run\\_17JUNE2010\\_SHORTLIST.pdf](#)  
[Gulf Screening Levels 5-21-10 SP-V5.xls](#)

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----- Forwarded by Jon Rauscher/R6/USEPA/US on 06/18/2010 01:22 PM -----

**From:** Janine Dinan/DC/USEPA/US  
**To:** Edward Ohanian/DC/USEPA/US@EPA, Gilberto Irizarry/DC/USEPA/US@EPA, Glenn Adams/R4/USEPA/US@EPA, Jon Rauscher/R6/USEPA/US@EPA  
**Cc:** Bernicel Smith/DC/USEPA/US@EPA, Elizabeth Doyle/DC/USEPA/US@EPA, Ephraim King/DC/USEPA/US@EPA, Evelyn Washington/DC/USEPA/US@EPA, Jeff Lape/DC/USEPA/US@EPA, Linda Boornazian/DC/USEPA/US@EPA, Melanie Young/DC/USEPA/US@EPA, Octavia Conerly/DC/USEPA/US@EPA, Rita Schoeny/DC/USEPA/US@EPA  
**Date:** 06/18/2010 12:23 PM  
**Subject:** Re: OPTIONS PAPER FOR today's 2:30 meeting with Pete Silva

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All,

Please see my responses, below:

**1) what are your assumptions:** See page 2 in the attached file.



[oem\\_prg\\_table\\_run\\_17JUNE2010\\_SHORTLIST.pdf](#)

**2) what are the possible risk ranges**

For NPL site cleanups, OSWER uses a 10<sup>-6</sup> cancer risk and an HQ of 1 to establish cleanup goals for individual chemicals. The resulting cleanup is designed to ensure that cumulative (i.e., exposure to multiple chemicals) carcinogenic risks fall within the 10<sup>-6</sup> to 10<sup>-4</sup> risk range and a Hazard Index of 1 for non-carcinogens. For removal actions, the policy for calculating Removal Action Levels is to use 10<sup>-4</sup> and an HQ of 3 for individual contaminants. That way, we distinguish between levels that support the need for a response action under removal authority vs. final, site-specific cleanup levels.

**3) what are other programs using,**

The benchmarks for Air are attached:



[Gulf Screening Levels 5-21-10 SP-V5.xls](#)

They are comparing 24-hour samples to a mixture of values based on 10<sup>-4</sup> risk, an

HQ of 10, and ATSDR acute and intermediate exposure values.

4) **what are the states using and for what purpose**

I don't have that information.

5) **what are other options?**

I don't have that information.

Janine

▼ Edward Ohanian---06/18/2010 12:46:18 PM---janine, Could you briefly address the attached questions based on your feedback from Regions/OAR/Sta

From: Edward Ohanian/DC/USEPA/US  
To: Bernice Smith/DC/USEPA/US@EPA, Elizabeth Doyle/DC/USEPA/US@EPA, Rita Schoeny/DC/USEPA/US@EPA, Melanie Young/DC/USEPA/US@EPA, Evelyn Washington/DC/USEPA/US@EPA, Janine Dinan/DC/USEPA/US@EPA  
Cc: Ephraim King/DC/USEPA/US@EPA, Jeff Lape/DC/USEPA/US@EPA, Octavia Conerly/DC/USEPA/US@EPA, Linda Boornazian/DC/USEPA/US@EPA  
Date: 06/18/2010 12:46 PM  
Subject: Re: OPTIONS PAPER FOR today's 2:30 meeting with Pete Silva

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janine,  
Could you briefly address the attached questions based on your feedback from Regions/OAR/States. Thx, Ed

▼ Bernice Smith

----- Original Message -----

**From:** Bernice Smith  
**Sent:** 06/18/2010 12:35 PM EDT  
**To:** Elizabeth Doyle; Rita Schoeny; Melanie Young; Evelyn Washington; Edward Ohanian  
**Cc:** Ephraim King; Jeff Lape; Octavia Conerly; Linda Boornazian  
**Subject:** OPTIONS PAPER FOR today's 2:30 meeting with Pete Silva

Hello OST Colleagues. There is a 2:30pm meeting with Pete Silva to discuss our use of  $10^{-4}$  (hazard index 3--level of concern) for the human health benchmarks which differs from ATSDR  $10^{-6}$  (hazard index 1, safe, protective level). We need a white paper for the 2:30 meeting that addresses the following questions: 1) what are your assumptions, 2) what are the possible risk ranges, 3) what are other programs using, 4) what are the states using and for what purpose and 5) what are other options?

Sincerely,

Bernice

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